

Form MR-REV-SMO (DOGM - Revise/Amend Change Form)
(Revised November 21, 2006)

Wayne
6799

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

RECEIVED

AUG 24 2015

DIV. OF OIL, GAS & MINING

Operator: **Bromide Mining, LLC**

Mine Name:

Bromide Mine

File Number: E or S / /

S /017/0031

Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.

DETAILED SCHEDULE OF CHANGES TO THE NOTICE

Description of map, text, or materials to be changed

| | | | |
|---|---|--------|---------------|
| ADD <input checked="" type="checkbox"/> | REPLACE | REMOVE | Exhibit I |
| ADD <input type="checkbox"/> | <input checked="" type="checkbox"/> REPLACE | REMOVE | Pages 4 and 5 |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Michele Sanders

Print Name

Michele Sanders
Sign Name, Position *Agent*

8-24-2015
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

P:\GROUPS\MINERALS\WP\FORMS\notices\Draft\MR-REV-SMO-EXP.docx

FOR DOGM USE ONLY:

File #: 1 / 1

Approved: _____

Bond Adjustment: from (\$) _____

to \$ _____

Page 4 of 7

2. **Is the project within an Incorporated area?** () Yes (X) No
If yes, what is the town or city? _____
3. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.
 - a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.
 - b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:
 - i. The area to be disturbed;
 - ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
 - iii. Any adjacent previous disturbance for which the operator is not responsible.
 (Contact the Division for a list of consultants and land surveyors for mapping assistance.)
4. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface (X) Underground (X)
2. **Mineral(s) to be mined:** _____
3. **Amount of material to be extracted, moved, or proposed to be moved:** 30 TONS PER HOUR _____
4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process? Yes (X) No () If yes, please describe (add extra pages if needed): WATER ONLY FOR GRAVITY SEPERATION NO DISCHARGE
5. Provide a brief **description of the proposed mining operation**, and onsite processing facilities (add extra pages if necessary). Henrietta Mill Process Facility- Gravity separation enclosed system with no discharge- Bromide Surface Mine- drilling and blasting 20 feet wide slot on ore structure- Bromide underground mine- drilling and blasting on underground ore structure - El Padre Mine underground -initial exploration underground core drilling - possible underground mining- Oro underground mine- drilling and blasting development of new portal system and development of underground mine for extraction of ore. Lay down yard located east of the mine on State Mineral Lease ML-53177. Exploration of ML-53177.
6. () **New Road(s):** Length _____(ft), Width _____(ft)
7. () **Improved Road(s):** Describe improvements that need to be made to existing roads to access the site, including the Length _____ (ft) and Width _____ (ft) of new disturbances.
8. **Total project surface acreage to be disturbed:** 8.182 _____(acres) PLEASE SPECIFY EXACT ACREAGE (this will be used to determine surety bond amount - see #VI).
9. **Proposed startup date** (month, year): 4-15-2009 _____
10. **Proposed completion**, if known (month, year): 10-15-2055 _____

Page 3 of 7

5. Ownership of Land Surface:

Private (Fee) (☒) BLM (☒) US Forest Service (☐)
State Trust Land/School Sections (☐) State Sovereign Lands (☐)
Other (please describe): _____

Name _____ Address _____
Name _____ Address _____
Name _____ Address _____
Name _____ Address _____

6. Ownership of Minerals:

Private (Fee) (☒) BLM (☒) US Forest Service (☐)
State Trust Land/School Sections (☐) State Sovereign Lands (☐)
Other (please describe): _____

Name _____ Address _____
Name _____ Address _____
Name _____ Address _____
Name _____ Address _____

BLM Claim Number(s): UMC -110846 UMC-360360 _____
Utah State Lease Number(s): ML 52266, ML 53177 _____
BLM/USFS Lease or Project File Number(s): UTU-82034 _____

Name of Lessee(s): _____

7. Have the above surface and mineral owners been notified in writing? Yes ☒ No _____
If no, why not? _____

8. Does the Entity have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No _____

What is the pre-mining land use, i.e. cropland, grazing, wildlife habitat? _____

What is the postmining land use? _____

Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.

II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. **Project Location & Map** (legal description):

County(ies): _____
NE 1/4, of NE 1/4, of SE 1/4, Section: 34 Township: 31 S Range: 10 E _____
NE 1/4, of NE 1/4, of SW 1/4, Section: 35 Township: 31 S Range: 10 E _____
NW 1/4, of S 1/2, of 1/4, Section: 32 Township: 31 S Range: 11 E _____
UTM East: N LONGITUDE 38° 04' 043" if known) UTM North: W LAT 110° 47' 599" (If known)
Name of Quad Map for Location: USGS MOUNT ELLEN SLB&M _____



BROMIDE MINING LLC

LAY DOWN YARD
LOCATION

GARFIELD COUNTY UTAH
TOWNSHIP 31 SOUTH, RANGE 11 EAST, SLBM.
August 2015



Map by:
North American Mine Services
447 North 300 West, Suite 3, Kaysville, Utah 84037



1 inch = 208 feet

Legend

BLM 14156

Laydown Yard

Bromide Mineral Lease

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

RECEIVED

AUG 24 2015

DIV. OF OIL, GAS & MINING

Operator: **Bromide Mining, LLC**

Mine Name:

File Number: E or S / /

Bromide Mine

S 0170031

Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.

DETAILED SCHEDULE OF CHANGES TO THE NOTICE

Description of map, text, or materials to be changed

| | | | |
|---|---------|--------|-----------|
| ADD <input checked="" type="checkbox"/> | REPLACE | REMOVE | Exhibit I |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |
| ADD | REPLACE | REMOVE | |

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Michele Sanders

Print Name

Michele Sanders, Agent
Sign Name, Position

8-24-2015
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

P:\GROUPS\MINERALS\WP\FORMS\notices\Draft\MR-REV-SMO-EXP.docx

FOR DOGM USE ONLY:

File #: / /

Approved:

Bond Adjustment: from (\$)

to \$

Exhibit I

BROMIDE MINING, LLC.
S/017/0017

August 24, 2015

Submitted by:
North American Mine Services, Inc.
447 North 300 West, Suite 3
Kaysville, Utah 84037
(801) 544-3421

AMMENDMENT DETAILS

Bromide Mining, LLC. requests the addition of a Lay Down Yard be added to the existing permit S/017/0031. The details are as follows:

1. A Lay Down Yard with an area of 3.7 acres would be located on State Mineral Lease ML 53177.0. (Figure I)

2. The Lay Down Yard is located along BLM road 14156

3. The Lay Down Yard will be used to temporarily store:

1. Small portable mechanical workshop

2. Material Lay Down

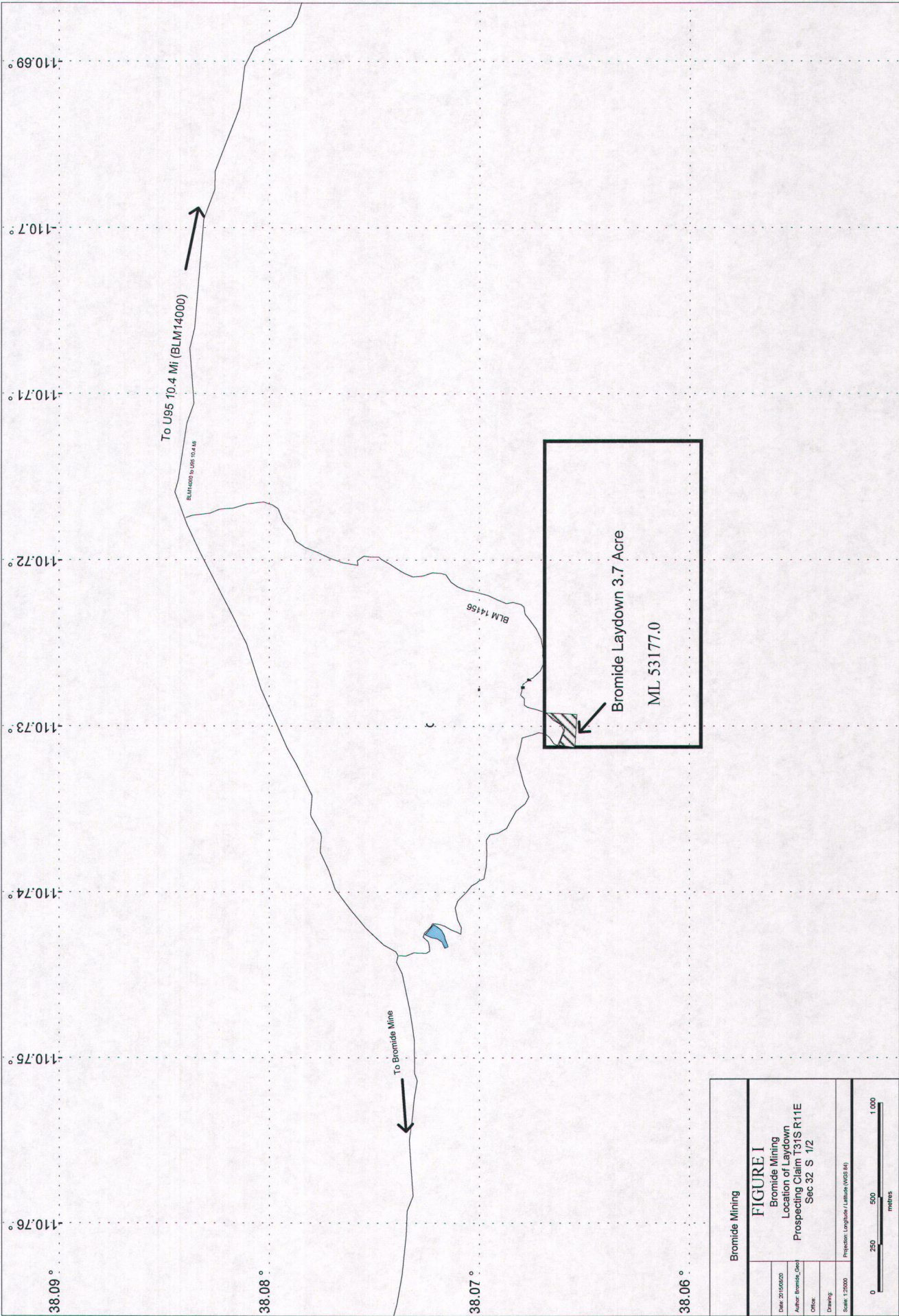
3. Diesel Storage (using BAT to ensure environmental safety (Figure II)

4. Winter heavy equipment storage

5. Base for mineral exploration of ML 53177.0

4. Location Description:

Township 31 South, Range 11 East, Sec. 32, S1/2



| | |
|--|-----------------------|
| Bromide Mining | |
| FIGURE I | |
| Bromide Mining Location of Laydown Prospecting Claim T31S R11E Sec 32 S 1/2 | |
| Date: 2015/05/20 | Author: Bromide, Corp |
| Office: | Drawing: |
| Scale: 1:25000 | |
| Projection: Longitude / Latitude (NAD 83) | |
| 0 250 500 1 000 metres | |

FIGURE II

Spill Prevention, Containment and Countermeasures Plan

BROMIDE MINING, LLC.

S/017/0017

AMENDMENT

AUGUST 31, 2015

Spill Prevention, Containment and Countermeasures Plan

I) Substances of Concern for Spills

- A) Diesel Fuel and Gasoline
- B) Motor oil
- C) Automotive Batteries
- D) Hydraulic Fluid

II) Spill Prevention Measures

- A) A Material Safety Data Sheet (MSDS) for all chemicals, oils and other materials used in the project area will be readily available for review to all personnel.
- B) Refueling tanks must have a secondary containment not less than 1.5 times the capacity of the refueling tank.
- C) All Fuels, Oils, and Chemicals will be stored in approved containers and volumes will not exceed MSHA and OSHA restrictions.

III) Spill Countermeasures and Cleanup Practices

- A) Immediately alert others in the area and the supervisor. Evacuate the area, if necessary.
- B) If there is a fire or medical attention is needed, contact fire suppression or medical professionals immediately.

- C) If a volatile, flammable material is spilled, immediately warn others in the area, control sources of ignition, and ventilate the area.
- D) Wear personal protective equipment, as appropriate to the hazards. Refer to the Material Safety Data Sheet or other references available for information.
- E) Attend to any persons who may be contaminated. Refer to MSDS sheets for materials and treatment of persons who have been exposed.
- F) If the spill is a MAJOR one, if there has been a release to the environment, or if assistance is needed, contact the Utah Department of Environmental Quality (DEQ) at 1-800-458-0145.
- G) Ensure that containment berms and membranes are in place and that the spill cannot be released into the environment. Spill socks and absorbents may be used to contain the spill and remove the spilled substance as well as any contaminated materials.
- H) When the spilled materials have been absorbed, use a brush or scoop to place materials in an appropriate container.

- I) Place the spilled materials in an approved container. Complete a hazardous waste tag, identifying the material as Spill Debris involving XYZ Chemical, and affix the sticker to the container or bag. Contact an appropriate supervisor for advice on storage and packaging for disposal.
- J) Place the container in a properly ventilated area until the chemical waste pick-up.
- K) Replenish spill control materials.

For: Wayne Western
DOGM

From: Michele Sanders
NAMS

RECEIVED

AUG 24 2015

DIV. OF OIL, GAS & MINING

Bromide Mine
S/O 17/0017

Wayne: Please find 5 pages including
this cover page. Thank you for
everything!

Michele
801-510-8645